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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: Jeffrey E. Stahmann et al.

Title: IMPLANTABLE DEVICES AND METHODS USING FREQUENCY-DOMAIN ANALYSIS OF THORACIC SIGNAL

Attorney Docket No.: 279.580US1

**PATENT APPLICATION TRANSMITTAL**

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

We are transmitting herewith the following attached items and information (as indicated with an "X"):

Return postcard.  
 Utility Patent Application under 37 CFR 1.53(b) comprising:  
     Specification (29 pgs, including claims numbered 1 through 54 and a 1 page Abstract).  
     Drawing(s) (10 sheets).  
     Unsigned Combined Declaration and Power of Attorney (4 pgs).

The filing fee (NOT ENCLOSED) will be calculated as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	54-20	34	x 18.00 =	<b>\$612.00</b>
INDEPENDENT CLAIMS	4-3	1	x 84.00 =	<b>\$84.00</b>
[ ] MULTIPLE DEPENDENT CLAIMS PRESENTED				<b>\$0.00</b>
BASIC FEE				<b>\$750.00</b>
<b>TOTAL</b>				<b>\$1446.00</b>

**THE FILING FEE WILL BE PAID UPON RECEIPT OF THE NOTICE TO FILE MISSING PARTS.**

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